

| L Number | Hits | Search Text | DB | Time stamp |
|-------------|------|----------------------------------------------------------------------------------------------------------------|-------|---------------------|
| 1 | 1071 | liquid adj crystal adj optical | USPAT | 2002/12/10 16:36 |
| 2 | 292 | liquid adj crystal adj optical and (pair adj substrates) | USPAT | 2002/12/10 16:38 |
| 3 | 25 | liquid adj crystal adj optical and (pair adj substrates) and (frame adj period) | USPAT | 2002/12/10 16:39 |
| 4 | 15 | liquid adj crystal adj optical and (pair adj substrates) and (frame adj period) and writ\$3 and reset\$3 | USPAT | 2002/12/10 16:39 |

| L Number | Hits | Search Text | DB | Time stamp |
|----------|-------|------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------|---------------------|
| 1 | 1071 | liquid adj crystal adj optical | USPAT | 2002/12/10 16:36 |
| 2 | 292 | liquid adj crystal adj optical and (pair adj substrates) | USPAT | 2002/12/10 16:38 |
| 3 | 25 | liquid adj crystal adj optical and (pair adj substrates) and (frame adj period) | USPAT | 2002/12/10 16:39 |
| 4 | 15 | liquid adj crystal adj optical and (pair adj substrates) and (frame adj period) and writ\$3 and reset\$3 | USPAT | 2002/12/10 18:03 |
| 5 | 9 | liquid adj crystal adj optical and (first adj period) and (second adj period) | USPAT | 2002/12/10 18:06 |
| 6 | 0 | liquid adj crystal adj optical and (first adj period) and (second adj period) and voltage near3 (second adj electrode) | USPAT | 2002/12/10 18:07 |
| 7 | 0 | liquid adj crystal adj optical and (first adj period) and (second adj period) and (second adj electrode) | USPAT | 2002/12/10 18:07 |
| 8 | 61364 | liquid adj crystal adj optical and (first adj period) and (second adj period) writ\$3 and reset\$3 | USPAT | 2002/12/10 18:08 |
| 9 | 2 | liquid adj crystal adj optical and (first adj period) and (second adj period) and writ\$3 and reset\$3 | USPAT | 2002/12/10 18:09 |
| 10 | 62 | liquid adj crystal and (first adj period) and (second adj period) and writ\$3 and reset\$3 | USPAT | 2002/12/10 18:10 |
| 11 | 2 | liquid adj crystal and (first adj period) and (second adj period) and writ\$3 and reset\$3 and voltage near3 (second adj electrode) | USPAT | 2002/12/10 18:12 |
| 12 | 2823 | pair adj substrates | USPAT | 2002/12/10 18:14 |
| 13 | 8930 | pair adj substrates | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2002/12/10 18:15 |
| 14 | 2897 | pair adj substrates and (liquid adj crystal adj layer) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2002/12/10 18:16 |
| 15 | 96 | pair adj substrates and (liquid adj crystal adj layer) and (first adj electrodes) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2002/12/10 18:17 |
| 16 | 62 | pair adj substrates and (liquid adj crystal adj layer) and (first adj electrodes) and (second adj electrode) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2002/12/10 18:18 |
| 17 | 7 | pair adj substrates and (liquid adj crystal adj layer) and (first adj electrodes) and (second adj electrode) and (frame adj period) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2002/12/10 18:19 |
| 18 | 3 | pair adj substrates and (liquid adj crystal adj layer) and (first adj electrodes) and (second adj electrode) and (frame adj period) and (first adj period) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2002/12/10 18:42 |

| | | | | |
|----|---|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------|---------------------|
| 19 | 3 | pair adj substrates and (liquid adj crystal adj layer) and (first adj electrodes) and (second adj electrode) and (frame adj period) and (first adj period) and (second adj period) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB | 2002/12/10 18:44 |
|----|---|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------|---------------------|

| L Number | Hits | Search Text | DB | Time stamp |
|----------|-------|------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------|---------------------|
| 1 | 1071 | liquid adj crystal adj optical | USPAT | 2002/12/10 16:36 |
| 2 | 292 | liquid adj crystal adj optical and (pair adj substrates) | USPAT | 2002/12/10 16:38 |
| 3 | 25 | liquid adj crystal adj optical and (pair adj substrates) and (frame adj period) | USPAT | 2002/12/10 16:39 |
| 4 | 15 | liquid adj crystal adj optical and (pair adj substrates) and (frame adj period) and writ\$3 and reset\$3 | USPAT | 2002/12/10 18:03 |
| 5 | 9 | liquid adj crystal adj optical and (first adj period) and (second adj period) | USPAT | 2002/12/10 18:06 |
| 6 | 0 | liquid adj crystal adj optical and (first adj period) and (second adj period) and voltage near3 (second adj electrode) | USPAT | 2002/12/10 18:07 |
| 7 | 0 | liquid adj crystal adj optical and (first adj period) and (second adj period) and (second adj electrode) | USPAT | 2002/12/10 18:07 |
| 8 | 61364 | liquid adj crystal adj optical and (first adj period) and (second adj period) writ\$3 and reset\$3 | USPAT | 2002/12/10 18:08 |
| 9 | 2 | liquid adj crystal adj optical and (first adj period) and (second adj period) and writ\$3 and reset\$3 | USPAT | 2002/12/10 18:09 |
| 10 | 62 | liquid adj crystal and (first adj period) and (second adj period) and writ\$3 and reset\$3 | USPAT | 2002/12/10 18:10 |
| 11 | 2 | liquid adj crystal and (first adj period) and (second adj period) and writ\$3 and reset\$3 and voltage near3 (second adj electrode) | USPAT | 2002/12/10 18:12 |
| 12 | 2823 | pair adj substrates | USPAT | 2002/12/10 18:14 |
| 13 | 8930 | pair adj substrates | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB | 2002/12/10 18:15 |
| 14 | 2897 | pair adj substrates and (liquid adj crystal adj layer) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB | 2002/12/10 18:16 |
| 15 | 96 | pair adj substrates and (liquid adj crystal adj layer) and (first adj electrodes) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB | 2002/12/10 18:17 |
| 16 | 62 | pair adj substrates and (liquid adj crystal adj layer) and (first adj electrodes) and (second adj electrode) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB | 2002/12/10 18:18 |
| 17 | 7 | pair adj substrates and (liquid adj crystal adj layer) and (first adj electrodes) and (second adj electrode) and (frame adj period) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB | 2002/12/10 18:19 |
| 18 | 3 | pair adj substrates and (liquid adj crystal adj layer) and (first adj electrodes) and (second adj electrode) and (frame adj period) and (first adj period) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB | 2002/12/10 18:42 |

| | | | | |
|----|---|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------|---------------------|
| 19 | 3 | pair adj substrates and (liquid adj crystal adj layer) and (first adj electrodes) and (second adj electrode) and (frame adj period) and (first adj period) and (second adj period) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB | 2002/12/10 18:44 |
|----|---|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------|---------------------|